

(12) 按照专利合作条约所公布的国际申请

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国际局



(43) 国际公布日:

2004年12月23日(23.12.2004)

PCT

(10) 国际公布号:

WO 2004/111851 A1

- (51) 国际分类号: G06F 12/00
- (21) 国际申请号: PCT/CN2004/000630
- (22) 国际申请日: 2004年6月11日(11.06.2004)
- (25) 申请语言: 中文
- (26) 公布语言: 中文
- (30) 优先权: 03137109.4 2003年6月13日(13.06.2003) CN
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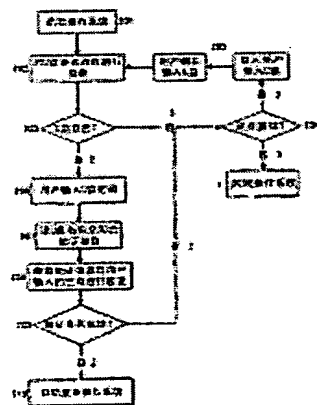
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(54) Title: AN AUTHENTICATION METHOD BASED ON THE PRIVATE SPACE OF THE USB FLASH MEMORY MEDIA

(54) 发明名称: 基于 USB 闪存盘存储介质私有空间的验证方法



201 STARTING THE OPERATING SYSTEM
202 CHANGING ONE THEN THE USB MEMORY MEDIA
203 IS THE USB MEMORY MEDIA
204 PROMPTING THE USER TO INPUT THE PASSWORD AND THE USER CONFIRMS THE PASSWORD
205 THE USER INPUTS THE PASSWORD OF THE USB MEMORY MEDIA
206 VALIDATES THE AUTHENTICATION INFORMATION FROM THE PRIVATE SPACE OF THE USB FLASH MEMORY
207 AUTHENTICATING THE OPERATIONS THAT THE USER INPUTS CORRECT THE AUTHENTICATION INFORMATION
208 IS THE AUTHENTICATION SUCCESSFUL?
209 LOGGING IN THE OPERATING SYSTEM AUTOMATICALLY
210 CLOSING THE OPERATING SYSTEM
211 YES
212 NO

(57) Abstract: The invention provides an authentication method based on the private space of the USB flash memory media, which includes: realizing a module that utilizes the private space of the USB flash memory media, which current often used, to perform an authentication, the control chip of the USB flash memory receives the read/write instructions from the authentication module, determines whether performs the read/write operation to the private space, if the result is yes, then performs the read/write operation to the private space, otherwise do not perform the read/write operation to the private space; thus various of the authentication information can be stored in the private space of the USB flash memory, which is invisible to the normal user and can not be copied and deleted, and the normal data can also be stored in the normal space of the USB flash memory, as realizing an encryption and authentication mechanism with security and convenience.

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WO 2004/111851 A1